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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/837,306

DATE: 10/12/2001
TIME: 12:07:12

Input Set : A:\Dyax002.app
Output Set: N:\CRF3\10122001\I837306.raw

3 <110> APPLICANT: LADNER, ROBERT C.
4 COHEN, EDWARD H.
5 NASTRI, HORACIO G.
6 ROOKY, KRISTIN L.
7 HOET, RENE
9 <120> TITLE OF INVENTION: NOVEL METHODS OF CONSTRUCTING LIBRARIES OF GENETIC
10 PACKAGES THAT COLLECTIVELY DISPLAY THE MEMBERS OF A
11 DIVERSE FAMILY OF PEPTIDES, POLYPEPTIDES OR PROTEINS
13 <130> FILE REFERENCE: DYAX/002
15 <140> CURRENT APPLICATION NUMBER: 09/837,306
C--> 16 <141> CURRENT FILING DATE: 2001-09-24 ✓
18 <150> PRIOR APPLICATION NUMBER: 60/198,069
19 <151> PRIOR FILING DATE: 2000-04-17
21 <160> NUMBER OF SEQ ID NOS: 428
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 17
27 <212> TYPE: DNA ✓
28 <213> ORGANISM: Artificial Sequence ✓
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35 catgtgtatt actgtgc 17
38 <210> SEQ ID NO: 2
39 <211> LENGTH: 44
40 <212> TYPE: DNA ✓
41 <213> ORGANISM: Artificial Sequence ✓
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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47 <400> SEQUENCE: 2
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51 <210> SEQ ID NO: 3
52 <211> LENGTH: 18
53 <212> TYPE: DNA ✓
54 <213> ORGANISM: Artificial Sequence ✓
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic ✓
58 oligonucleotide ✓
60 <400> SEQUENCE: 3
61 gtgtattaga ctgctgcc 18
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 43
66 <212> TYPE: DNA ✓
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:

ENTERED

P. S

✓

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RAW SEQUENCE LISTING

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Input Set : A:\Dyax002.app

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70 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
71 oligonucleotide
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77 <210> SEQ ID NO: 5
78 <211> LENGTH: 47
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
84 oligonucleotide
86 <400> SEQUENCE: 5
87 cacatccgtg tttgttacac ggatgtggtg tc ttacagtc cattctg 47
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 20
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
97 oligonucleotide
99 <400> SEQUENCE: 6
100 cagaatggac tgtaagacac 20
103 <210> SEQ ID NO: 7
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105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
110 oligonucleotide
112 <400> SEQUENCE: 7
113 atcgagtctc actgagccac atccgtggtt ttccacggat gtg 43
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 17
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
123 oligonucleotide
125 <400> SEQUENCE: 8
126 gctcagttag actcgat 17
129 <210> SEQ ID NO: 9
130 <211> LENGTH: 19
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
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136 oligonucleotide
138 <400> SEQUENCE: 9
139 atgaccgaat tgctacaag 19

RAW SEQUENCE LISTING
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Input Set : A:\Dyax002.app
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157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
162 oligonucleotide
164 <400> SEQUENCE: 11
165 acctcactgg cttccggatt cactttctct 30
168 <210> SEQ ID NO: 12
169 <211> LENGTH: 42
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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177 <400> SEQUENCE: 12
178 agaaaacccac tccaaacctt taccaggagc ttggcgaacc ca 42
181 <210> SEQ ID NO: 13
182 <211> LENGTH: 51
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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203 <400> SEQUENCE: 14
204 ggaaggcagt gatctagaga tag 23
207 <210> SEQ ID NO: 15
208 <211> LENGTH: 24
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence

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Input Set : A:\Dyax002.app
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212 <220> FEATURE:
 213 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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 216 <220> FEATURE:
 217 <221> NAME/KEY: modified base
 218 <222> LOCATION: (11)..(24)
 219 <223> OTHER INFORMATION: a, t, c, g, other or unknown
 221 <400> SEQUENCE: 15
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 225 <210> SEQ ID NO: 16
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 227 <212> TYPE: DNA
 228 <213> ORGANISM: Artificial Sequence
 230 <220> FEATURE:
 231 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 232 oligonucleotide
 234 <220> FEATURE:
 235 <221> NAME/KEY: modified base
 236 <222> LOCATION: (1)..(14)
 237 <223> OTHER INFORMATION: a, t, c, g, other or unknown
 239 <400> SEQUENCE: 16
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 243 <210> SEQ ID NO: 17
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 246 <213> ORGANISM: Artificial Sequence
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 249 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 250 oligonucleotide
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 257 <211> LENGTH: 34
 258 <212> TYPE: DNA
 259 <213> ORGANISM: Artificial Sequence
 261 <220> FEATURE:
 262 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 263 oligonucleotide
 265 <400> SEQUENCE: 18
 266 cacatccgtg cacggatgtg gcacagtaat acac 34
 269 <210> SEQ ID NO: 19
 270 <211> LENGTH: 14
 271 <212> TYPE: DNA
 272 <213> ORGANISM: Artificial Sequence
 274 <220> FEATURE:
 275 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 276 oligonucleotide
 278 <400> SEQUENCE: 19
 279 gtgttattaga ctgc 14

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/837,306

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Input Set : A:\Dyax002.app
Output Set: N:\CRF3\10122001\I837306.raw

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282 <210> SEQ ID NO: 20
283 <211> LENGTH: 34
284 <212> TYPE: DNA
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287 <220> FEATURE:
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289 oligonucleotide
291 <400> SEQUENCE: 20
292 gcagtctaat acaccacatc cgtgcacgga tgtg 34
295 <210> SEQ ID NO: 21
296 <211> LENGTH: 34
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
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304 <400> SEQUENCE: 21
305 cacatccgtg cacggatgtg gtgtcttaca gtcc 34
308 <210> SEQ ID NO: 22
309 <211> LENGTH: 14
310 <212> TYPE: DNA
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
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317 <400> SEQUENCE: 22
318 ggactgtaaag acac 14
321 <210> SEQ ID NO: 23
322 <211> LENGTH: 34
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic of
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330 <400> SEQUENCE: 23
331 gagtctcaact gagccacatc cgtgcacgga tgtg 34
334 <210> SEQ ID NO: 24
335 <211> LENGTH: 14
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic of
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343 <400> SEQUENCE: 24
344 gctcagttag actc 14
347 <210> SEQ ID NO: 25
348 <211> LENGTH: 14
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial Sequence

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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY
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Input Set : A:\Dyax002.app
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L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:2891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:203
L:2892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:203